M. A. R. 57 (Rule 116)
Measurement Book

No. B 425933

I st And Part Bill

Work code - 006.18.000076
Est Cost Rs. 25.00 Lakhs

Serial No. .....

Name of Work ... Improvements to Roads And Drains At Bhuvaneshwari Nagara 2nd Cross From Ward No. 06 To Byatarayanapura Sub Division.

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name & conractor. Sri. B. Girish 7th Block Jayanagara. Bangalore. 560011.						
	Work order No - BBMP/EE/BTP/WO/221/2018-19. date: 30.01.2019.						
1	Earthwork Excavation by manual means in ordinary soil involving an average lift upto 2 metres and an average lead upto 0.50 Km thereon upto 2 metres and an excavated Surface Levelled						

Contents 7 | Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Side nearing dressed the disposed concrete breaking nearing after breaking & leads complete as per Specification.						
	As per Pre-Measurement recorded vide Page No. 425979 to 425980 in this M.B.					308.70 m^3	
	Rate - 186:00					57418:20	
(2)	Providing and laying in position Plain cement concrete M15 1:3:6 with 40mm and down size graded granite metal coarse aggregate as per 892 cement and fine aggregate						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	as 0.465 cum not exceeding including cem as per Specifica
	As per Page no.
	Rate. 5000:0

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425934

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as 0.465 cum machine mixed concrete laid in layers not exceeding 15 cms including curing all materials, labour in curing complete as per specification.						
	As per Pre. Measurment recorded vide page no. 425981 to 425982					39.10 m^3 in this MB	
	Rate. 5000:00						195500:00

...ork

Depth	Contents	Reference to last Measurement
6	7	8
	...posed concrete Excep... concrete as per	
	recorded vide	
	in this M.B.	
	308.70 m^3	
	57418:20	
...ion	Plain cement	
	cement as 220 1c-88	
	...ded quarrise metal	
	...and fine aggregate	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	Providing and removing centering shuttering Struting Propping etc. and removal of form work for foundation footings bases & columns for mass concrete including cost & all materials labour complete as per specification. As per Pre-measurements Page No.. 424 983 Rate. 244:00					recorded vide in this MB. 78.00 M^2 19032:00	
(4)	Providing and removing centering shuttering Struting Propping etc. and remove of form work						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	for vertical su including offsets centering cost & c specification. As per Pre. Page No.. 300 - Rate. (310):58

Contents 7	Reference to last Measurement 8
sing Shuttering oval & form work lerning for mass ete laser compact	
& recorded vide in this MB. 78.00 M²	19032:00
ing Shuttering move & form work	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425935

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	for vertical Surface Such as walls or any thickness including attached Pilasters Buttresses Pleinth and String courses Complete & all materials Laser complete as per Specification.						
	As per Pre. measurements recorded vide Page No.. 300 - Page. 310 : 58	425984				in this MB. 624.00 M²	187200 - 193801 : 92

GM 007

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(6)	Providing TMT Steel reinforcement ie rod for RCC work including straightening cutting bending hooking placing in position tying and or welding wherever required during WM including wire and anchoring to the adjoining members wherever reqm complete as per design (Caps hooks and wastage shall not be measured and paid) complete as per specification.						
	As per Pre-measurement recorded vide Page No. 425985 to 425987 in this MB.						
	Rate - 64240:00					3.58 Ton 229979:20	

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Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
(5)	Providing and laying ... downgrade granite Co... & ready mixed Cemen... thick layers and we... WM necessary cements ... exclusive & post & ... mixed Cement Cemen... Footing Main and ... per specification.	

Contents	Reference to last Measurement
7	8
...ents i/c road for ...ssing bending ...g and on welding ...ding work and ...ing whenever ...ssary and ...ssel shall ...mentals basis ...ended vide ... Dis MB. 3.58 Ton 229979:20	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425936

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(5) Providing and laying cement Concrete using 20mm and down size granite coarse aggregate and fine aggregate & ready mixed Concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating curing finishing WM receiving Cement mortar with all Cost and labs etc.. Complete exclusive of post & steel and fabrication charges Ready Mixed Cement Concrete M20 for Raft foundation Column Footing Main and Secondary Beams etc.. Complete as per Specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Bottom Coreuese.						
	20M R Cross -	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	5.30	0.90	0.15	0.71	
		1	30.00	0.90	0.15	4.05	
		1	10.90	0.90	0.15	1.47	
	Cross Road.	1	21.20	0.90	0.15	2.86	
		1	27.50	0.90	0.15	3.71	
		1	16.50	0.90	0.15	2.22	
		1	30.00	0.90	0.15	4.05	
						27.17	

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M

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
		1
		1
		1
	Side Walls.	
	20M R Cross.	2
		2
		2

K

epth 6	Contents 7	Reference to last Measurement 8
0.15	4.05	
0.15	4.05	
0.15	0.71	
0.15	4.05	
0.15	1.47	
0.15	2.86	
0.15	3.71	
0.15	2.22	
0.15	4.05	
	27.17	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425937

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 27.17 7	Reference to last Measurement 8
		1	11.50	0.90	0.15	1.55	
		1	30.00	0.90	0.15	4.05	
		1	3.00	0.90	0.15	0.40	
	Side walls.						
	20M R Cross.	2	30.00	0.15	0.60	5.40	
		2	30.00	0.15	0.60	5.40	
		2	5.30	0.15	0.60	0.95	
						44.92	

4700 M.Q.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	44.92	
1	2	3	4	5	6	7	8
	Cross Road -	2	30.00	0.15	0.60	5.40	
		2	10.90	0.15	0.60	1.96	
		2	21.20	0.15	0.60	3.81	
		2	27.50	0.15	0.60	4.95	
		2	16.50	0.15	0.60	2.97	
		2	30.00	0.15	0.60	5.40	
		2	11.50	0.15	0.60	2.07	
		2	30.00	0.15	0.60	5.40	
		2	3.00	0.15	0.60	0.54	
						77.42	3 M

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	Rate - 6030.00	
(7)	Providing and c -ourry in foundation dressed in coarse less than 20cms curing complete	

th	Contents 7	Reference to last Measurement 8
00	5.40	
60	1.96	
60	3.81	
50	4.95	
60	2.97	
50	5.40	
60	2.07	
60	5.40	
60	0.54	
	77.42 M3	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425938

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		limited to tenderage				76.05 M3	
	Rate - 6030.00						458581.50
(7)	providing and constructing granite size stone mas-onry in foundation cement mortar 1:6 stone hammered dressed in courses including cost & measuring in courses less than 20cms with bond stones of 2 MSN along ese.. curing complete						

CPM 2074

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Munikempanna Badavane.						
	①	2	4.50	0.60	0.95	5.13	
	②	2	5.75	0.60	0.95	6.55	
	③	2	5.70	0.60	0.95	6.49	
	④	2	5.80	0.60	0.95	6.61	
	⑤	2	5.90	0.60	0.95	6.72	
	Bhuvaneshwari Nagara. ⑥	2	5.00	0.60	0.95	5.70	
	⑦	2	5.20	0.60	0.95	5.92	
	⑧	2	5.10	0.60	0.95	5.81	
						48.93.	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	⑨
	Rate. 4030.0
	⑧ Providing sleek or uncoursed 1:3 20mm deep a

Contents 7	Reference to last Measurement 8
5.13	
6.55	
6.49	
6.61	
6.72	
5.70	
5.92	
5.81	
48.93.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425939

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(9)	2	5.05	0.60	0.95	5.75	
						3 54.68 M	
			Limited to			52.99 M^3	213549:70
	Rate. 4030:00						
	(8) Providing flush Pointing to square rubble coarse or uncoursed stone masonry with cement mortar 1:3 20 mm deep after raking joints to depth 2 20mm						

Q.M. 207

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	deep open earthing joints Round nicely including cost of materials labour curing complete as per Specification.						
	(1)	2	4.50	-	0.95	8.55	
	(2)	2	5.75	-	0.95	10.92	
	(3)	2	5.70	-	0.95	10.83	
	(4)	2	5.80	-	0.95	11.02	
	(5)	2	5.90	-	0.95	11.21	
	(6)	2	5.00	-	0.95	9.50	
	(7)	2	5.20	-	0.95	9.88	
						71.91	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(8)
	(9)
	Page. 102 to 9
(9')	Providing and la
	& Mix 1:2:4 wo

Contents 7	Reference to last Measurement 8
nicely including surplese as per	
8.55	
10.92	
10.83	
11.02	
11.21	
9.80	
9.88	
71.91	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425940

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(8)	2	5.10	-	0.95	9.69	
	(9)	2	5.05	-	0.95	9.59	
						91.19 m²	
	Deduct		Limited to			88.32 m²	
	Rate 102.59					9008 : 64	
	(9) Providing and laying in position Plain cement concrete 1:2:4 with coarse aggregate graded from 20mm and down						

Q.S.M. 407

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Size graded granite metal coarse aggregate of 0.378cum and fine aggregate of 0.462cum mixing mixed coarser laid in layers not exceeding 15cm thick well compacted in foundation and plinth including cost of necessary lesson curing complete as per specification.						
	(1)	2	4.00	0.60	0.10	0.54	
	(2)	2	5.75	0.60	0.10	0.69	
	(3)	2	5.70	0.60	0.10	0.68	
	(4)	2	5.80	0.60	0.10	0.69	
						2.60	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	(8)	
	(6)	
	(7)	
	(8)	
	(9)	
	Page · 5767	

DK

Depth 6	Contents 7	Reference to last Measurement 8
...ence ...ases		
...e as 0.450 cum ...ceing		
...g not ...ceeding 15 cms		
...ster and Plinth		
...un ...ering ...omplete		
0.60	0.54	
0.60	0.69	
0.60	0.68	
0.60	0.69	
	2.60	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425941

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 2.60 7	Reference to last Measurement 8
	(8)	2	5.90	0.60	0.10	0.70	
	(6)	2	5.00	0.60	0.10	0.60	
	(7)	2	5.20	0.60	0.10	0.62	
	(8)	2	5.10	0.60	0.10	0.61	
	(9)	2	5.05	0.60	0.10	0.60	
						5.73 m^3	
	Page. 5767 :00					—	33044:91

M.B. 407 4

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(10)	Providing and fixing RCC precast cover slabs 8 200 mm thick Sar Grain in cement Concrete M20 using Granite jelly 20 mm down size and steel reinforcement including form work reinforcement Curing and Concrete finished surface on form sides Compose as per specification.						
	(1)	9	0.60	1.50	-	8.10	
	(2)	9	0.60	1.50	-	8.10	
	(3)	9	0.60	1.50	-	8.10	
	(4)	8	0.60	1.50	-	7.20	
						31.50	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(5)
	(6)
	(7)
	(8)
	(9)
	Missing Slab

Contents 7	Reference to last Measurement 8
...ss Cover Slabs	
...ers Cement M20	
...ge with steel	
...k reinforcing	
...e on foam slabs	
8.10	
8.10	
8.10	
7.20	
31.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425842

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6	31.50	
	(5)	9	0.60	1.80	"	9.72	
	(6)	8	0.60	1.80	"	7.20	
	(7)	8	0.60	1.80	"	7.20	
	(8)	8	0.60	1.80	"	7.20	
	(9)	8	0.60	1.80	"	7.20	
	Missing Slab	5	0.60	1.80	"	4.50	
						74.52	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	74-52	
1	2	3	4	5	6	7	8
		7	0.60	1.50	-	6.30	
		6	0.60	1.50	-	5.40	
						86.22 m^2	
	Rate - 5017:10						432565:74
					Total Rs -		1835880:00

C&FC

26/2/2019

Certificate. ① Certified that the work done as is entry is correct.

② ~~Not~~ Price Among has not been claimed any & Previous Price.

Chairman 26/02/19

26/2/2019

ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಪೂರ್ವ ವಲಯ)
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-21

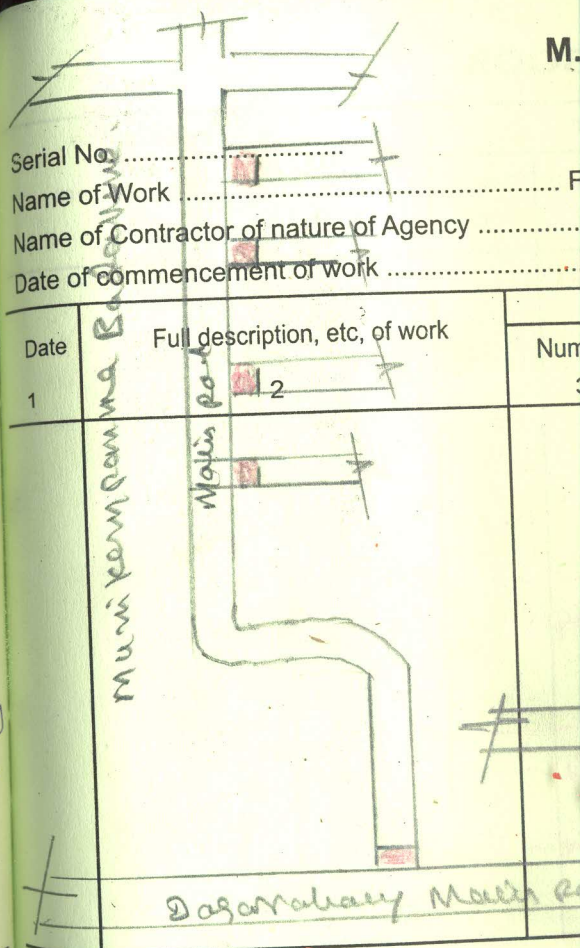
Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	



Contents 7	Reference to last Measurement 8
74.52	
6.30	
5.40	
86.22 m^2	432565.74
tal Rs.	1835880.00
have done Satisfactory	
ng not been claimed	
bill.	

M. A. R. 57 (I
Measurement

No. B 425943

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Murikamma Road Main Road 20 R cross PRIDEX Bhuvaneshwari Nagara C.C. Drain Culverts. Dasarahalli Main Road To Dasarahalli Dasarahalli Main Road						

18/02/19

28/02/19

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರ ಉಪ ವಿಭಾಗ
ಬ್ಯಾಡರಹಳ್ಳಿಪುರ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

20.5.19 26/2/19